Lampiran 3. Identitas Lokasi Badan Informasi Geospasial (BIG) Stasiun Tetap Cibinong Jawa Barat

BAKO Site Information Form (site log)

International GPS Service
See Instructions at:
ftp://igscb.jpl.nasa.gov/pub/station/general/sitelog_instr.txt

0. Form

Prepared by (full name)	: David Maggert
Date Prepared	: 2011-11-29
Report Type	: UPDATE
If Update :	
Previous Site Log	: bako_20110501.log
Modified/Added Sections	: 4.26

1. Site Identification of the GNSS Monument

Site Name	: BAKOSURTANAL
Four Character ID	: BAKO
Monument Inscription :	
IERS DOMES Number	: 23101M002
CDP Number	: (A4)
Monument Description	: Pillar
Height of the Monument	: 0.50 m
Monument Foundation	: CONCRETE BLOCK
Foundation Depth	: 1.50 m
Marker Description	: BRASS Tablet
Date Installed	: 1981-06-12T00:00Z
Geologic Characteristic	: Alluvial
Bedrock Type	: SEDIMENTARY
Bedrock Condition	: (FRESH/JOINTED/WEATHERED)
Fracture Spacing	: (1-10 cm/10-50 cm/50-200 cm/over 200 cm)
Fault Zones Nearby	: NO
Distance/activity	: (multiple lines)
Additional Information	: Permanent tripod (stainless-steel) above the
	: pillar.
	: Concrete Pillar, 50 cm above ground surface.

2. Site Location Information

City or Town	: Cibinong
State or Province	: West Java
Country	: Indonesia
Tectonic Plate	: Eurasian
Approximate Position (ITRF)	
X coordinate (m)	: -1836969.054
Y coordinate (m)	: 6065617.126
Z coordinate (m)	: -716257.839
Latitude (N is +)	: -062924.00
Longitude (E is +)	: +1065100.00

Elevation (m,ellips.) : 158.18
Additional Information : +138.4550 m (above mean sea level).
: Block of Eurasian Plate.
: Reference frame used is (ITRF2000).
: Coordinate system used is (WGS84)
: IPGSN (Indonesian Permanent GNSS Station Net)

3. GNSS Receiver Information

3.1 Receiver Type : TI4100
Satellite System : GPS
Serial Number : n/a
Firmware Version : 1.11
Elevation Cutoff Setting : (deg)
Date Installed : 1989-09-10T00:00Z
Date Removed : 1990-07-15T00:00Z
Temperature Stabiliz. : (none or tolerance in degrees C)
Additional Information : (multiple lines)

3.2 Receiver Type : TRIMBLE 4000SST
Satellite System : GPS
Serial Number : n/a
Firmware Version : 4.10
Elevation Cutoff Setting: (deg)
Date Installed : 1990-07-15T00:00Z
Date Removed : 1991-06-06T00:00Z
Temperature Stabiliz. : (none or tolerance in degrees C)
Additional Information : (multiple lines)

4. GPS Antenna Information

4.1 Antenna Type : TRM14532.00
Serial Number : n/a
Antenna Reference Point : BPA
Marker->ARP Up Ecc. (m) : 0.9888
Marker->ARP North Ecc(m) : (F8.4)
Marker->ARP East Ecc(m) : (F8.4)
Alignment from True N : 0
Antenna Radome Type : NONE
Radome Serial Number :
Antenna Cable Type : (vendor & type number)
Antenna Cable Length : (m)
Date Installed : 1990-07-15T00:00Z
Date Removed : 1990-07-18T00:00Z
Additional Information : Between 1989-09-10 and 1990-07-15, a
: TI4100_100 with
: Marker->BPA Up eccentricity=0.9764 m,
: Alignment from True N=0 and
: Antenna Radome Type=NONE was installed.

4.2 Antenna Type : TRM14532.00/TRIMBLE/4000ST
Serial Number : n/a
Antenna Reference Point : BPA
Marker->ARP Up Ecc. (m) : 0.9637
Marker->ARP North Ecc(m) : (F8.4)

Marker->ARP East Ecc(m) : (F8.4)
Alignment from True N : 0
Antenna Radome Type : NONE
Radome Serial Number :
Antenna Cable Type : (vendor & type number)
Antenna Cable Length : (m)
Date Installed : 1990-07-18T00:00Z
Date Removed : 1991-06-06T00:00Z
Additional Information :

5. Surveyed Local Ties

5.1 Tied Marker Name :
Tied Marker Usage : (SLR/VLBI/LOCAL CONTROL/FOOTPRINT/etc)
Tied Marker CDP Number : (A4)
Tied Marker DOMES Number: (A9)
Differential Components from GNSS Marker to the tied monument (ITRS)
dx (m) : (m)
dy (m) : (m)
dz (m) : (m)
Accuracy (mm) : (mm)
Survey method : (GPS CAMPAIGN/TRILATERATION/TRIANGULATION/etc)
Date Measured : (CCYY-MM-DDThh:mmZ)
Additional Information : (multiple lines)

5.x Tied Marker Name :
Tied Marker Usage : (SLR/VLBI/LOCAL CONTROL/FOOTPRINT/etc)
Tied Marker CDP Number : (A4)
Tied Marker DOMES Number: (A9)
Differential Components from GNSS Marker to the tied monument (ITRS)
dx (m) : (m)
dy (m) : (m)
dz (m) : (m)
Accuracy (mm) : (mm)
Survey method : (GPS CAMPAIGN/TRILATERATION/TRIANGULATION/etc)
Date Measured : (CCYY-MM-DDThh:mmZ)
Additional Information : (multiple lines)

6. Frequency Standard

6.1 Standard Type : (INTERNAL or EXTERNAL H-MASER/CESIUM/etc)
Input Frequency : (if external)
Effective Dates : (CCYY-MM-DD/CCYY-MM-DD)
Notes : (multiple lines)

6.x Standard Type : (INTERNAL or EXTERNAL H-MASER/CESIUM/etc)
Input Frequency : (if external)
Effective Dates : (CCYY-MM-DD/CCYY-MM-DD)
Notes : (multiple lines)

7. Collocation Information

7.1 Instrumentation Type : DORIS
Status : PERMANENT
Effective Dates : (CCYY-MM-DD/CCYY-MM-DD)
Notes : Measurement tie by using GPS geodetic
: receiver Trimble 4000SSi observation start
: 00h:00m finished 23h:59m UT.
: (more information contact IGN, Z. Altamimi)

7.x Instrumentation Type : (GPS/GLONASS/DORIS/PRARE/SLR/VLBI/TIME/etc)
Status : (PERMANENT/MOBILE)
Effective Dates : (CCYY-MM-DD/CCYY-MM-DD)
Notes : (multiple lines)

8. Meteorological Instrumentation

8.1.1 Humidity Sensor Model : PTU303
Manufacturer : VAISALA
Serial Number : C2640011
Data Sampling Interval : (sec)
Accuracy (% rel h) : (% rel h)
Aspiration : (UNASPIRATED/NATURAL/FAN/etc)
Height Diff to Ant : (m)
Calibration Date : (CCYY-MM-DD)
Effective Dates : (CCYY-MM-DD/CCYY-MM-DD)
Notes : (multiple lines)

8.1.x Humidity Sensor Model :
Manufacturer :
Serial Number :
Data Sampling Interval : (sec)
Accuracy (% rel h) : (% rel h)
Aspiration : (UNASPIRATED/NATURAL/FAN/etc)
Height Diff to Ant : (m)
Calibration Date : (CCYY-MM-DD)
Effective Dates : (CCYY-MM-DD/CCYY-MM-DD)
Notes : (multiple lines)

8.2.1 Pressure Sensor Model : PTU303
Manufacturer : VAISALA
Serial Number : C2640011
Data Sampling Interval : (sec)
Accuracy : (hPa)
Height Diff to Ant : (m)
Calibration Date : (CCYY-MM-DD)
Effective Dates : (CCYY-MM-DD/CCYY-MM-DD)
Notes : (multiple lines)

8.2.x Pressure Sensor Model :
Manufacturer :
Serial Number :
Data Sampling Interval : (sec)

Accuracy : (hPa)
Height Diff to Ant : (m)
Calibration Date : (CCYY-MM-DD)
Effective Dates : (CCYY-MM-DD/CCYY-MM-DD)
Notes : (multiple lines)

8.3.1 Temp. Sensor Model : PTU303
Manufacturer : VAISALA
Serial Number : C2640011
Data Sampling Interval : (sec)
Accuracy : (deg C)
Aspiration : (UNASPIRATED/NATURAL/FAN/etc)
Height Diff to Ant : (m)
Calibration Date : (CCYY-MM-DD)
Effective Dates : (CCYY-MM-DD/CCYY-MM-DD)
Notes : (multiple lines)

8.3.x Temp. Sensor Model :
Manufacturer :
Serial Number :
Data Sampling Interval : (sec)
Accuracy : (deg C)
Aspiration : (UNASPIRATED/NATURAL/FAN/etc)
Height Diff to Ant : (m)
Calibration Date : (CCYY-MM-DD)
Effective Dates : (CCYY-MM-DD/CCYY-MM-DD)
Notes : (multiple lines)

8.4.1 Water Vapor Radiometer :
Manufacturer :
Serial Number :
Distance to Antenna : (m)
Height Diff to Ant : (m)
Calibration Date : (CCYY-MM-DD)
Effective Dates : (CCYY-MM-DD/CCYY-MM-DD)
Notes : (multiple lines)

8.4.x Water Vapor Radiometer :
Manufacturer :
Serial Number :
Distance to Antenna : (m)
Height Diff to Ant : (m)
Calibration Date : (CCYY-MM-DD)
Effective Dates : (CCYY-MM-DD/CCYY-MM-DD)
Notes : (multiple lines)

8.5.1 Other Instrumentation : (multiple lines)
Effective Dates : (CCYY-MM-DD/CCYY-MM-DD)

8.5.x Other Instrumentation : (multiple lines)
Effective Dates : (CCYY-MM-DD/CCYY-MM-DD)

9. Local Ongoing Conditions Possibly Affecting Computed Position

9.1.1 Radio Interferences : (TV/CELL PHONE ANTENNA/RADAR/etc)
Observed Degradations : (SN RATIO/DATA GAPS/etc)
Effective Dates : (CCYY-MM-DD/CCYY-MM-DD)
Additional Information : (multiple lines)

9.1.x Radio Interferences : (TV/CELL PHONE ANTENNA/RADAR/etc)
Observed Degradations : (SN RATIO/DATA GAPS/etc)
Effective Dates : (CCYY-MM-DD/CCYY-MM-DD)
Additional Information : (multiple lines)

9.2.1 Multipath Sources : (METAL ROOF/DOME/VLBI ANTENNA/etc)
Effective Dates : (CCYY-MM-DD/CCYY-MM-DD)
Additional Information : (multiple lines)

9.2.x Multipath Sources : (METAL ROOF/DOME/VLBI ANTENNA/etc)
Effective Dates : (CCYY-MM-DD/CCYY-MM-DD)
Additional Information : (multiple lines)

9.3.1 Signal Obstructions : (TREES/BUILDINGS/etc)
Effective Dates : (CCYY-MM-DD/CCYY-MM-DD)
Additional Information : (multiple lines)

9.3.x Signal Obstructions : (TREES/BUILDINGS/etc)
Effective Dates : (CCYY-MM-DD/CCYY-MM-DD)
Additional Information : (multiple lines)

10. Local Episodic Effects Possibly Affecting Data Quality

10.1 Date : (CCYY-MM-DD/CCYY-MM-DD)
Event : (TREE CLEARING/CONSTRUCTION/etc)

10.x Date : (CCYY-MM-DD/CCYY-MM-DD)
Event : (TREE CLEARING/CONSTRUCTION/etc)

11. On-Site, Point of Contact Agency Information

Agency : National Coordination Agency for Surveys and
: Mapping
Preferred Abbreviation : BAKOSURTANAL
Mailing Address : Jl. Raya Jakarta-Bogor Km.46
: Cibinong 16911
: Jawa Barat - Indonesia
Primary Contact
Contact Name : Joni Efendi
Telephone (primary) : 62 21 875 7329
Telephone (secondary) : 62 21 875 2062 ext. 3102
Fax : 62 21 875 7329; 875 4592
E-mail : joni-efendi@bakosurtanal.go.id
Secondary Contact
Contact Name : Elisa Harlia Sandi

Telephone (primary) : 62 21 875 7329
Telephone (secondary) : 62 21 875 2062 ext. 3112
Fax : 62 21 875 7329
E-mail : bu_imam@yahoo.com
Additional Information : (Primary) Alternate email for joni efendi is
: joniefendi@yahoo.com

12. Responsible Agency (if different from 11.)

Agency : (multiple lines)
Preferred Abbreviation : (A10)
Mailing Address : (multiple lines)
Primary Contact
Contact Name :
Telephone (primary) :
Telephone (secondary) :
Fax :
E-mail :
Secondary Contact
Contact Name :
Telephone (primary) :
Telephone (secondary) :
Fax :
E-mail :
Additional Information : (multiple lines)

13. More Information

Primary Data Center : Scripps Orbit and Permanent Array Center
Secondary Data Center : Crustal Dynamics Data Information System
URL For More Information:
Hardcopy on File
Site Map : (Y or URL)
Site Diagram : (Y or URL)
Horizon Mask : (Y or URL)
Monument Description : (Y or URL)
Site Pictures : (Y or URL)
Additional Information : (multiple lines)
Antenna Graphics with Dimensions

(insert text graphic from antenna.gra)